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# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS

JULY 1940

Any five of the nontechnical publications listed herein, unless indicated "For sale only," may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

### FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

**Feed-lot and ranch equipment for beef cattle.** W. H. Black, Bureau of Animal Industry. 18 p., illus. (F. B. 1584F., rev.) Price, 5¢.

**Pear growing in the Pacific Coast States.** C. F. Kinman and J. R. Magness, Bureau of Plant Industry. 38 p., illus. (F. B. 1739F., rev.) Price, 10¢.

### LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins except that the Leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

**The ryegrasses.** H. A. Schoth and M. A. Hein, Bureau of Plant Industry. 8 p., illus. (Leaf. 196L.) Price, 5¢.

### TECHNICAL BULLETINS

The Technical Bulletin series contains the result of scientific and research work applying to a special crop, industry, or locality. The editions are limited as they are intended primarily for scientific workers and subject-matter specialists.

**Some principles of accelerated stream and valley sedimentation.** Stafford C. Happ, Gordon Rittenhouse, and G. C. Dobson, Soil Conservation Service. 134 p., illus. (T. B. 695T.) Price, 75¢. For sale only.

**Economic status of the English sparrow in the United States.** E. R. Kalmbach, Bureau of Biological Survey. 66 p., illus. (T. B. 711T.) Price, 15¢.

**Types of vegetation in Escalante Valley, Utah, as indicators of soil conditions.** H. L. Shantz and R. L. Piemeisel, Bureau of Plant Industry. 46 p., illus. (T. B. 713T.) Price, 30¢.

**Biology of the seed-corn maggot in the Coastal Plain of the South Atlantic States.** W. J. Reid, Jr., Bureau of Entomology and Plant Quarantine. 44 p. (T. B. 723T.) Price, 10¢.

### CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

**Maintaining identity and pure seed of southern oat varieties.** T. R. Stanton, Bureau of Plant Industry. 20 p., illus. (Cir. 562C.) Price, 5¢.

**The ripening and repacking of mature-green tomatoes.** R. C. Wright and E. A. Gorman, Jr., Bureau of Plant Industry. 8 p., illus. (Cir. 566C.) Price, 5¢.

### MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the Department, particularly those of a size other than octavo. Such publications were formerly issued as *Miscellaneous Circulars*.

**Plans of farm buildings for Southern States.** 123 p., illus. (M. P. 360M.) Price, 60¢. For sale only.

**Descriptions of types of principal American varieties of orange-fleshed carrots.** Roy Magruder and Victor R. Boswell, Bureau of Plant Industry; S. L. Emsweller, formerly California Agricultural Experiment Station; J. C. Miller, Louisiana Agricultural Experiment Station; A. E. Hutchins, University of Minnesota; J. F. Wood, Texas Agricultural Experiment Station; and M. M. Parker and H. H. Zimmerley, Virginia Truck Experiment Station. 48 p., illus. (M. P. 361M.) Price, 20¢. Restricted distribution.

**Family income and expenditures, Middle Atlantic and North Central Region and New England Region.** Part 1, family income. Day Monroe, Elizabeth Phelps, and Idella G. Swisher, Bureau of Home Economics. 447 p., illus. (M. P. 370M.) Price, 50¢.

**Descriptions of types of principal American varieties of red garden beets.** Roy Magruder and Victor R. Boswell, Bureau of Plant Industry; H. A. Jones, California Agricultural Experiment Station; J. C. Miller, Louisiana Agricultural Experiment Station; J. F. Wood, Texas Agricultural Experiment Station, and L. R. Hawthorn, Texas Agricultural Experiment Station and Bureau of Plant Industry; M. M. Parker and H. H. Zimmerley, Virginia Truck Experiment Station. 60 p., illus. (M. P. 374M.) Price, 35¢. Restricted distribution.

**Packaging sliced Cheddar and Swiss cheese in cans for sandwich dispensers.** H. L. Wilson, Bureau of Dairy Industry. 8 p., illus. (M. P. 386M.) Price, 5¢.

### SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. Free distribution is limited to persons in the employ of the Department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

**Bureau of Animal Industry. Service and regulatory announcements.** May 1940. Pp. 51-58. (S. R. A.-B. A. I. 397.) Price 25¢ a year, 5¢ a copy.<sup>1</sup>

**Regulation for warehousemen storing sirups. Service and regulatory announcements.** No. 157. (Supersedes S. R. A.-No. 89). Agricultural Marketing Service. 19 p. (S. R. A.-A. M. S. 157).<sup>2</sup>

### STATISTICAL BULLETINS

Tables giving statistics relating to one or more closely related agricultural commodities. Of interest to persons engaged in marketing or any business affected by agricultural production.

**Wheat futures, volume of trading, open contracts, and prices from January 2, 1936, to December 31, 1938.** 131 p. (S. B. 72S.) Price, 15¢.

### OTHER PUBLICATIONS

**The scope of land use planning.** Bureau of Agricultural Economics in cooperation with Extension Service, Agricultural Adjustment Administration, Farm Credit Administration, Farm Security Administration, Forest Service, Soil Conservation Service, and Public Roads Administration of the Federal Works Agency. (County planning series No. 4.) 7 p. Price, 5¢.

**Communities and neighborhoods in land use planning.** Bureau of Agricultural Economics, in cooperation with Extension Service. (County planning series No. 6.) 7 p. Price, 5¢.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

<sup>2</sup> May be obtained from the issuing bureau.

Indicate below, by numbers IN NUMERICAL ORDER, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Requests for change of address must show old as well as new address.

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Farmers' Bulletins	Leaflets	Other publications

#### REPRINTS FROM 1939 YEARBOOK

1669. Food and life—A summary. Pp. 3-94. Price 10¢.  
 1671. Food functions and the relation of food to health. Pp. 100-123. Price, 10¢.  
 1672. Food habits, old and new. Pp. 124-130. Price, 5¢.  
 1673. Can food habits be changed? Pp. 131-138. Price, 5¢.  
 1677. Protein requirements of man. Pp. 173-186. Price, 5¢.  
 1678. Mineral needs of man. Pp. 187-220. Price, 10¢.  
 1679. Vitamin needs of man. Pp. 221-271. Price, 10¢.  
 1683. Planning for good nutrition. Pp. 321-340. Price, 10¢.  
 1684. Micro-organisms in foods and food preservation. Pp. 341-349. Price, 5¢.  
 1685. Enzymes in foods and food preservation. Pp. 350-354. Price, 5¢.  
 1986. United States meat inspection. Pp. 355-359. Price, 5¢.  
 1687. Supervision and inspection of milk. Pp. 360-363. Price, 5¢.  
 1689. What the modern homemaker needs to know. Pp. 372-379. Price, 5¢.  
 1693. Factors affecting maintenance nutrition, feed utilization, and health of farm animals. Pp. 431-449. Price, 5¢.  
 1694. Growth, fattening, and meat production. Pp. 450-468. Price, 5¢.  
 1695. Some effects of nutritional levels. Pp. 469-475. Price, 5¢.  
 1697. The relation of nutrition to the production of hides and wool. Pp. 492-500. Price, 5¢.  
 1698. The nutrition of very young animals. Pp. 501-518. Price, 5¢.  
 1699. Nutritional requirements of beef and dual-purpose cattle. Pp. 519-543. Price, 5¢.

#### PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

**Agricultural situation.** Vol. 24, No. 7, July 1940. Price 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.<sup>1</sup>

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

**Daily weather maps.** Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, upper Michigan, lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sunday and holidays, 25¢ a month, \$3 a year; daily, including Sunday and holidays, 30¢ a month, \$3.60 a year. Sunday and holiday maps only 60¢ a year. Foreign subscription, \$9.10 a year. Maps DD, E, and CM, showing the weather conditions and forecasts are issued at numerous stations through the United States, 20¢ a month, \$2.40 a year.<sup>1</sup>

**Experiment station record.** Vol. 81, Index number; vol. 83, no. 1, July 1940.

Price, \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.75 per volume, foreign.<sup>1</sup> Single numbers for sale only. Price, 15¢.

A technical review of scientific literature pertaining to agriculture.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.



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**Journal of agricultural research.** Price \$3.25 a year, domestic; \$4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.<sup>1</sup> *Not distributed free to individuals.*

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

**Separates.** A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. The Office of Information has none for general distribution.

G-1150. (In Vol. 60, No. 1.) Relation between carotenoid content and number of genes per cell in diploid and tetraploid corn. L. R. Randolph and David B. Hand.

III.-71. (In Vol. 60, No. 1.) Development of the staminate and pistillate inflorescences of sweet corn. O. T. Bonnett.

M-1. (In Vol. 60, No. 1.) Effect of the amount and distribution of rainfall and evaporation during the growing season on yields of corn and spring wheat. Floyd E. Davis and J. E. Pallesen.

Wash.-32. (In Vol. 60, No. 1.) The digestibility of mature range grasses and range mixtures fed alone and with supplements. Ralph McCall.

**Land policy review.** Vol. III, No. 3, May-June 1940. Price, 5¢ a copy; 25¢ a year, domestic.<sup>1</sup>

Gives information on current developments in land policy and land programs to workers of the Department of Agriculture and cooperating groups.

**Monthly weather review.** Vol. 67, Title page, table of contents, and index; Vol. 68, No. 4, April 1940. Illus. Price, 20¢ a copy; \$2.00 a year, domestic; \$2.75 a year, foreign.<sup>1</sup> Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

**Rural electrification news.** Vol. 5, No. 11. July 1940. Price 10¢ a copy; 75¢ a year, domestic; \$1.50 a year, foreign.<sup>1</sup>

Issued monthly by the Rural Electrification Administration. A summary of rural electrification activities and a clearing house for interchange of information pertaining to utilization of electric power in farm tasks.

**Soil conservation.** Vol. 6, No. 1, July 1940. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year, foreign.<sup>1</sup>

Issued monthly by the Soil Conservation Service. Seeks to supply to workers and cooperators of the Department of Agriculture engaged in soil-conservation activities information of especial help to them in the performance of their duties.

**Weekly weather and crop bulletin.** Nos. 27-30, July 2-23, 1940. Price, 50¢, domestic; \$1.50 a year, foreign.<sup>1</sup>

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.